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ORIGINALLY FILED

<110> Barber, Elizabeth K
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TECH CENTER 1600/2900

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Cys Phe Thr Thr Pro Asp Ser Arg Met Val Phe Ile Ile Phe Ile Gln
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Gln Arg Gly Leu Asp Ser Lys Ser Leu Gln Glu Ile Asn Leu Tyr Phe
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Cys Glu Gly Phe Tyr Thr Ser Met Gln Leu Tyr Lys Lys Val Ile Arg
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Gly	Asn	Leu	Asn	Val	Ala	Arg	His	Phe	Ser	Met	Lys	Thr	Pro	Val	Ala	50	55	60	
Arg	Ser	Asn	Ile	Lys	Leu	Ile	Leu	Thr	Asn	Asn	Val	Lys	Trp	Leu	His	65	70	75	80
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Glu	Ser	Leu	Val	Ser	Val	Met	Thr	Asp	Glu	Glu	Gly	Ala	Glu	Lys	Met	165	170	175	

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 Lys Arg Ile Arg Gln Lys Glu Phe Thr Arg Asn Lys Ser Ile Phe Leu
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 Gln Lys Ser Tyr Lys Lys Thr Thr Cys Lys Ile Leu Ile Ala Lys Lys
 245 250 255
 Leu Ala Ile Ser Leu Tyr Gly Thr His Phe Gly Leu Phe Lys Asn Leu
 260 265 270
 Lys Gln Leu Lys Arg Lys Asn Tyr Lys Gly Lys Arg Lys Lys Arg Asn
 275 280 285
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Thr Ile Ala Ser Glu Ala Ser Gln Gln Pro Glu Thr Ala Leu Lys
35 40 45

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      -15                      -10                      -5

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Val Leu His Val Tyr Ala Ile Val Gln Lys Ser Tyr Lys Lys Thr Thr		
	230	235 240
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Gln Val Cys Thr Ile Ile Arg Asn Thr Pro Lys Pro Lys Gly Arg		
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<210> 56
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 <212> PRT
 <213> human

<400> 56

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Leu	Ile	Tyr	Gly	Ile	Leu	Leu	Ile	Tyr	Ile	Tyr	Ile	Gly	Asn	Leu
				20					25				30	
Asn	Val	Ala	Arg	His	Phe	Ser	Met	Lys	Thr	Pro	Val	Ala	Arg	Ser
				35					40				45	
Asn	Ile	Lys	Leu	Ile	Leu	Thr	Asn	Asn	Val	Lys	Trp	Leu	His	Lys
				50					55				60	

Lys	Gly	Phe	Ala	Ser	Ser	Trp	Lys	Leu	Val	Lys	Asn	Gln	Thr	Leu	65	70	75
Leu	Cys	Thr	Pro	Ser	Met	Gln	Leu	Leu	Cys	Cys	Leu	His	Pro	Glu	80	85	90
Met	Gly	Asn	Asp	Phe	Pro	Asn	Gly	Lys	Glu	Thr	Glu	Arg	Cys	Tyr	95	100	105
Leu	Ser	Ala	Pro	Phe	Val	Lys	Ser	Val	Phe	Leu	Ser	Leu	Cys	Phe	110	115	120
Pro	Gly	His	Asn	Val	Gly	Ser	Leu	Phe	His	Met	Ala	Asp	Asp	Leu	125	130	135
Gly	Arg	Ala	Met	Glu	Ser	Leu	Val	Ser	Val	Met	Thr	Asp	Glu	Glu	140	145	150
Gly	Ala	Glu	Lys	Met	Phe	Tyr	Asn	Ser	Arg	Phe	Pro	His	Gly	Phe	155	160	165
Tyr	Asn	Ile	His	Thr	Thr	Lys	Arg	Ile	Arg	Gln	Lys	Glu	Phe	Thr	170	175	180
Arg	Asn	Lys	Ser	Ile	Phe	Leu	Arg	Arg	Val	Val	Val	Leu	Tyr	Cys	185	190	195
Arg	Phe	Gln	Lys	Phe	Leu	Ser	Leu	Leu	Leu	Phe	Cys	Lys	Gln	Trp	200	205	210
Gln	Val	Leu	His	Val	Tyr	Ala	Ile	Val	Gln	Lys	Ser	Tyr	Lys	Lys	215	220	225
Thr	Thr	Cys	Lys	Ile	Leu	Ile	Ala	Lys	Lys	Leu	Ala	Ile	Ser	Leu	230	235	240
Tyr	Gly	Thr	His	Phe	Gly	Leu	Phe	Lys	Asn	Leu	Lys	Gln	Leu	Lys	245	250	255
Arg	Lys	Asn	Tyr	Lys	Gly	Lys	Arg	Lys	Lys	Arg	Asn	Gly	Gln	Val	260	265	270
Val	Lys	Leu	Arg	Thr	Gln	Val	Cys	Thr	Ile	Ile	Arg	Asn	Thr	Pro	275	280	285
Lys	Pro	Lys	Arg	Gly	arg	Asn	Ser	Met	Arg	Ser	Arg	Val	Arg	Cys	290	295	300

Lys Leu Ile

<210> 57
 <211> 111
 <212> DNA

<213> human

<400> 57

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<212> DNA

<213> human

<400> 58

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<210> 59

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<212> DNA

<213> human

<400> 59

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<212> PRT

<213> human

[illegible]